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DATE OF DEPOSIT 10/3/03

Our File No. 9281-4660  
Client Reference No. N US02072

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
Hiroyuki Sato et al. )  
Serial No. To Be Assigned )  
Filing Date: Herewith )  
For: Rotary Head Apparatus With Magnetic )  
Head Having Convex Curve and Magnetic )  
Playback Apparatus Using the Same )

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to the obligation under 37 C.F.R. 1.56 and in conformance with 37 C.F.R. 1.97-1.99, Applicants hereby submit references A1 – A4 listed on the attached form PTO-1449 for consideration by the Examiner. Copies of the references are enclosed herewith.

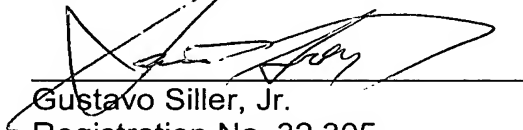
Japanese Unexamined Utility Model Registration Application Publication No. 62-18812 and Japanese Unexamined Patent Application Publication No. 8-30915 each disclose a construction having curvatures of radius of a slidable contact surface.

The filing of this Information Disclosure Statement does not constitute an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. Section 1.56(b). Further, Applicants reserve the right to contest these references as prior art against the present application, and Applicants do not believe that the disclosure of these references, even if finally determined to be prior art, anticipates Applicants' invention or that these references make Applicants' invention obvious.

No fees are believed to be due in connection with filing of this Information Disclosure Statement, however, should any fees under 37 C.F.R. §§ 1.16 to 1.21 be deemed necessary for any reason relating to this material, the Commissioner is hereby authorized to deduct said fees from Brinks Hofer Gilson & Lione Deposit Account No. 23-1925.

Applicants respectfully request that the Examiner review the entire disclosure of these documents and make them of record.

Respectfully submitted,



Gustavo Siller, Jr.  
Registration No. 32,305  
Attorney for Applicants

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, ILLINOIS 60610  
(312) 321-4200

<b>FORM PTO-1449</b>  <b>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</b>  (use several sheets if necessary)	SERIAL NO.	CASE NO.
	To be Assigned	9281-4660
	FILING DATE	GROUP ART UNIT
Herewith		
APPLICANTS: Hiroyuki Sato et al.		

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
	A1	4,706,146	11/1987	Dohmen et al.		
	A2	6,023,396	02/2000	Chun et al.		

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES NO	
	A3	Japanese Unexamined Utility Model Registration Application Publication No. 62-18812	02/1987	Japan		X (Partial)	
	A4	Japanese Unexamined Patent Application Publication No. 8-30915	02/1996	Japan		x	

EXAMINER INITIAL	OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.